FIG.1

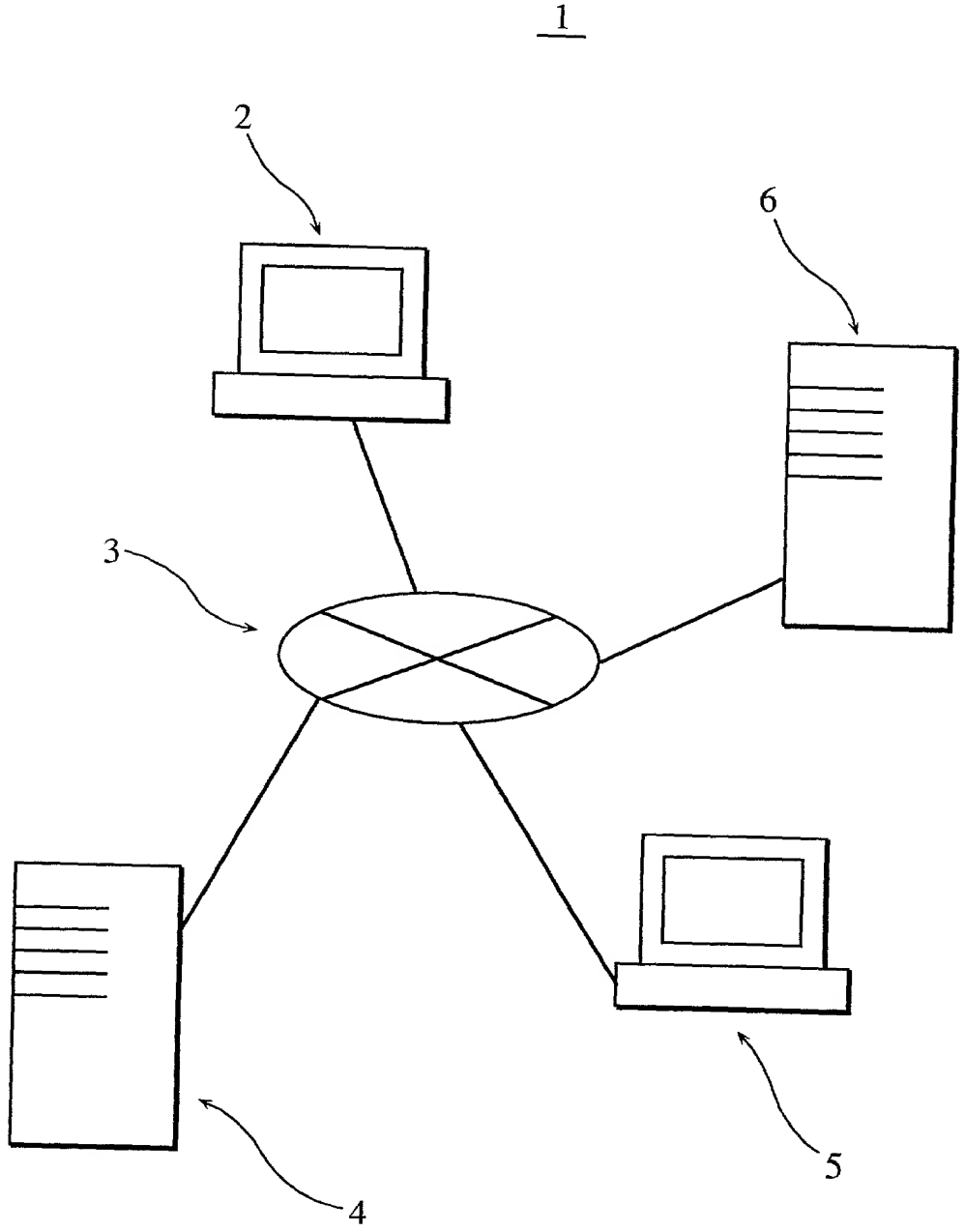


FIG.2

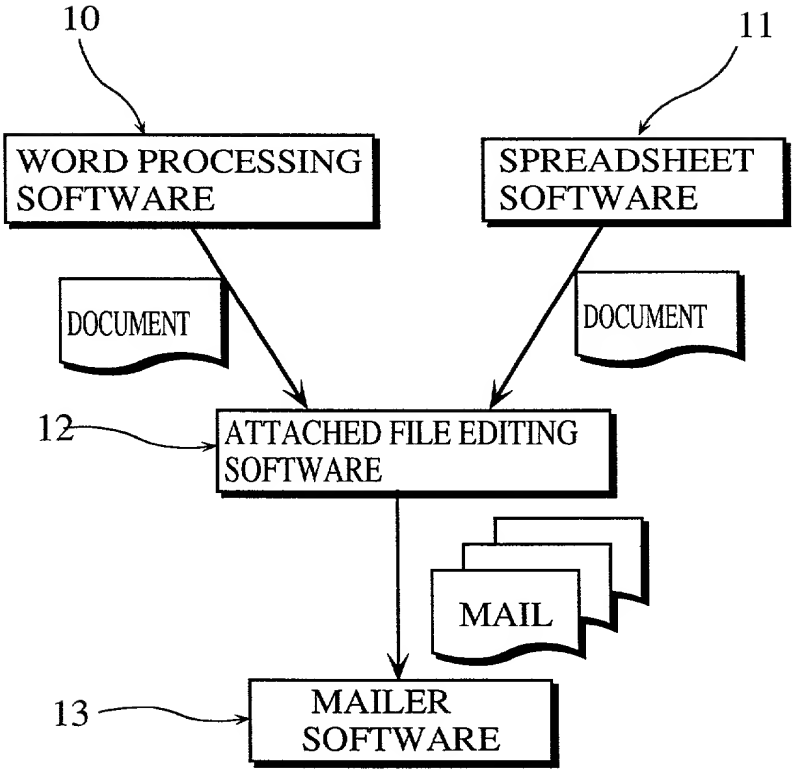

10
11
WORD PROCESSING SOFTWARE
SPREADSHEET SOFTWARE
DOCUMENT
DOCUMENT
12
ATTACHED FILE EDITING SOFTWARE
MAIL
13
MAILER SOFTWARE

FIG.3

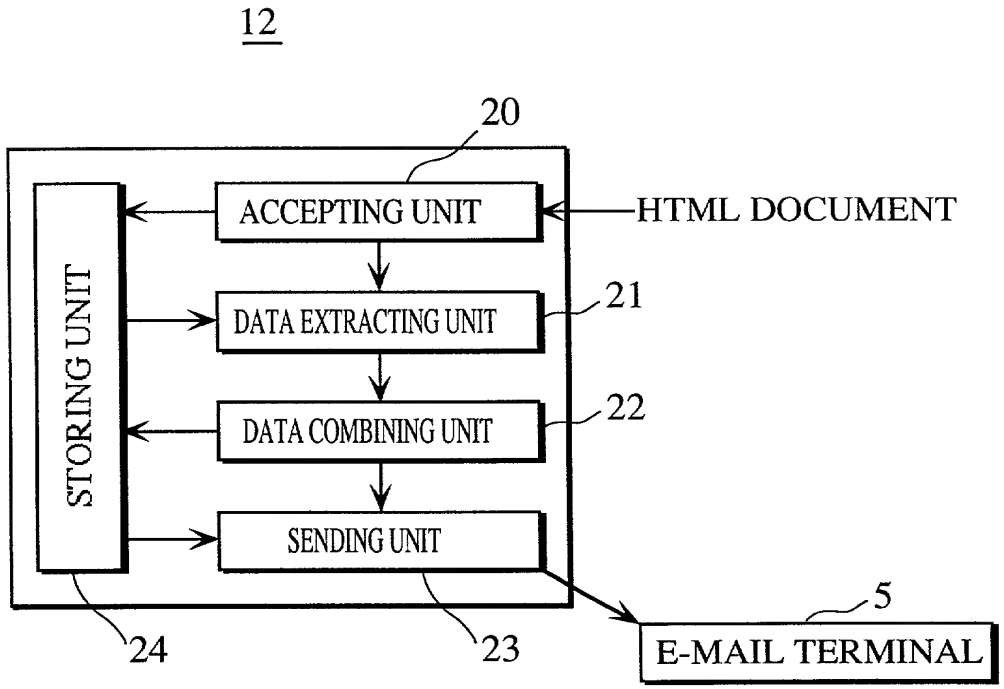

12
20
ACCEPTING UNIT
HTML DOCUMENT
DATA EXTRACTING UNIT
21
DATA COMBINING UNIT
22
SENDING UNIT
STORING UNIT
24
23
5
E-MAIL TERMINAL

FIG.4

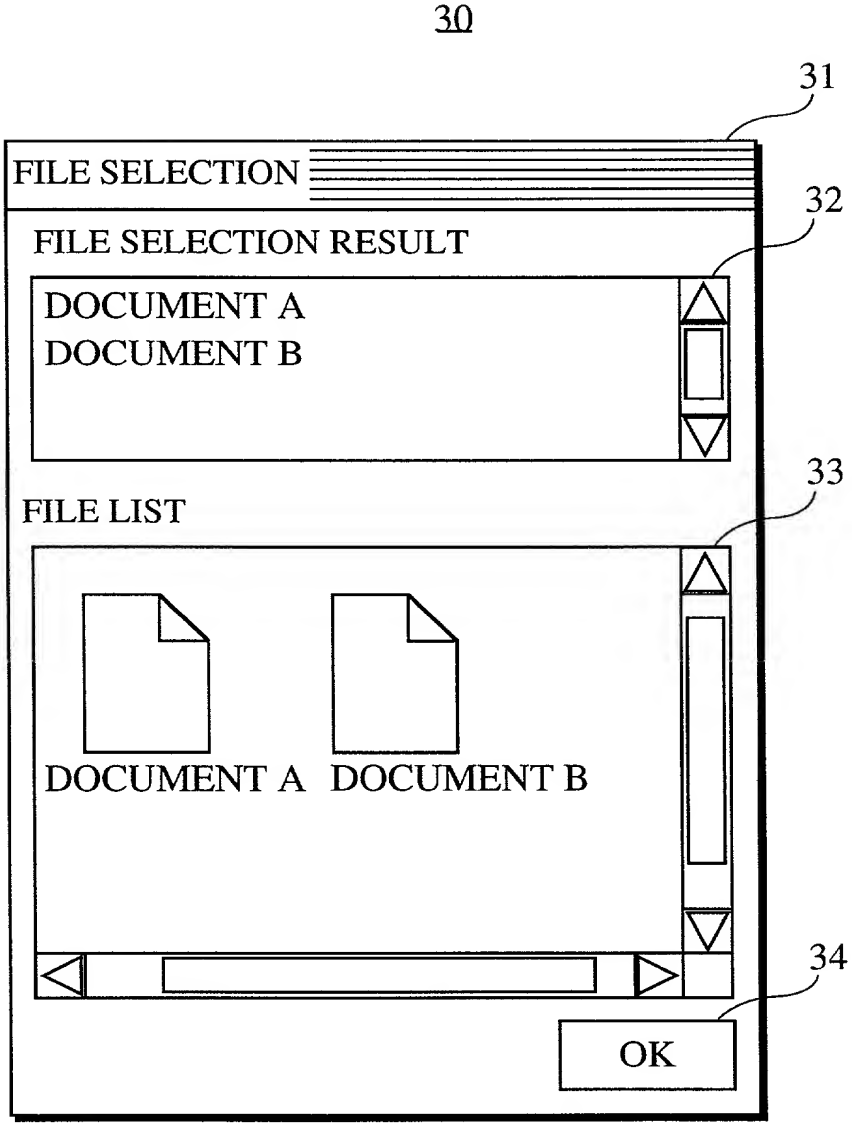

30
31
FILE SELECTION
32
FILE SELECTION RESULT
DOCUMENT A
DOCUMENT B
33
FILE LIST
DOCUMENT A
DOCUMENT B
34
OK

FIG.5

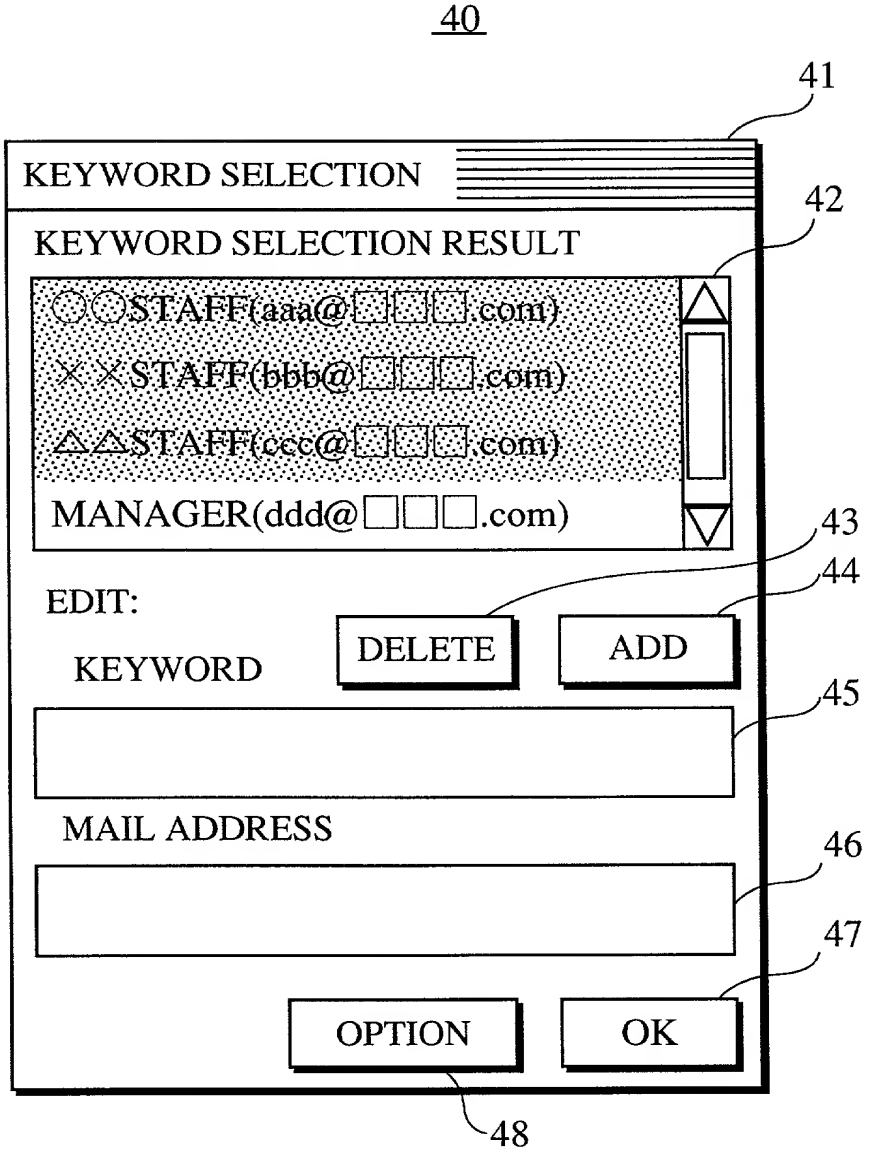

40
41
KEYWORD SELECTION
42
KEYWORD SELECTION RESULT
○○STAFF(aaa@□□□.com)
××STAFF(bbb@□□□.com)
△△STAFF(ccc@□□□.com)
MANAGER(ddd@□□□.com)
43
44
EDIT:
KEYWORD
DELETE
ADD
45
MAIL ADDRESS
46
47
OPTION
OK
48

FIG.6

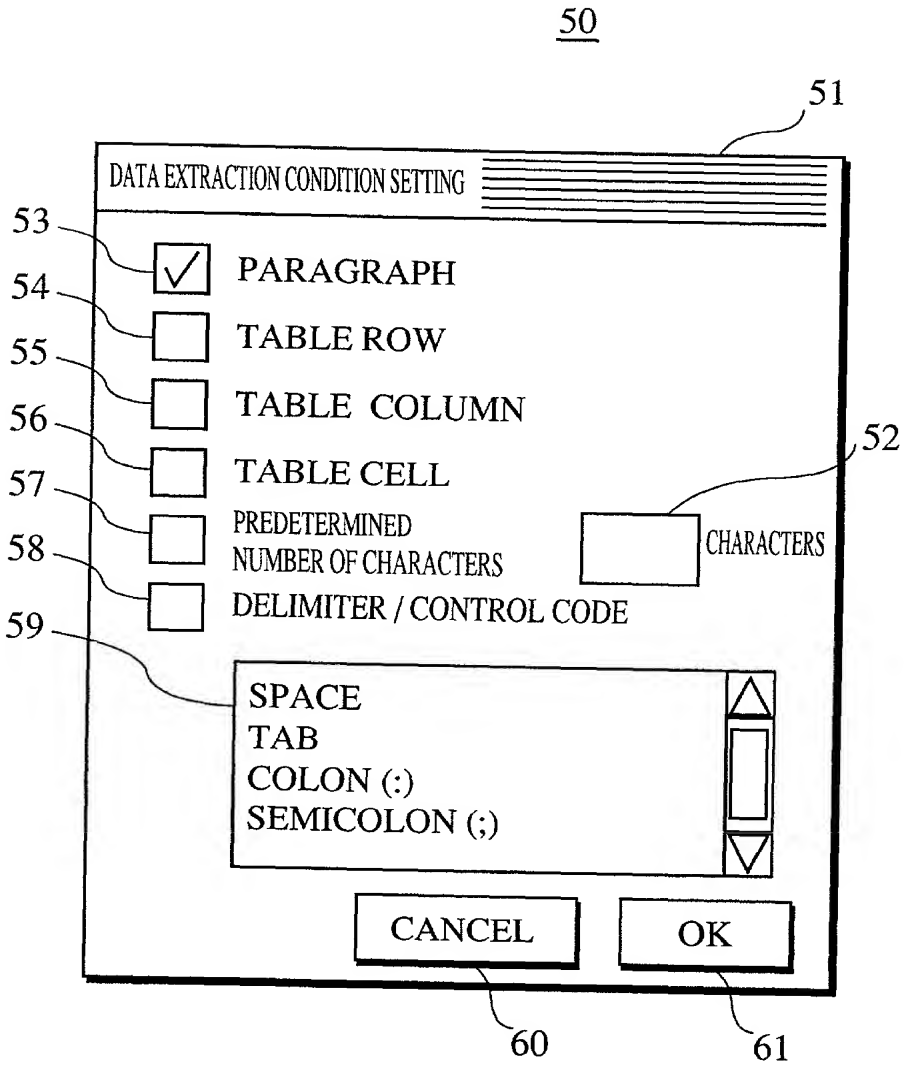

50
51
DATA EXTRACTION CONDITION SETTING
53
PARAGRAPH
54
TABLE ROW
55
TABLE COLUMN
56
TABLE CELL
57
PREDETERMINED
NUMBER OF CHARACTERS
52
CHARACTERS
58
DELIMITER / CONTROL CODE
59
SPACE
TAB
COLON (:)
SEMICOLON (;)
CANCEL
OK
60
61

FIG.7

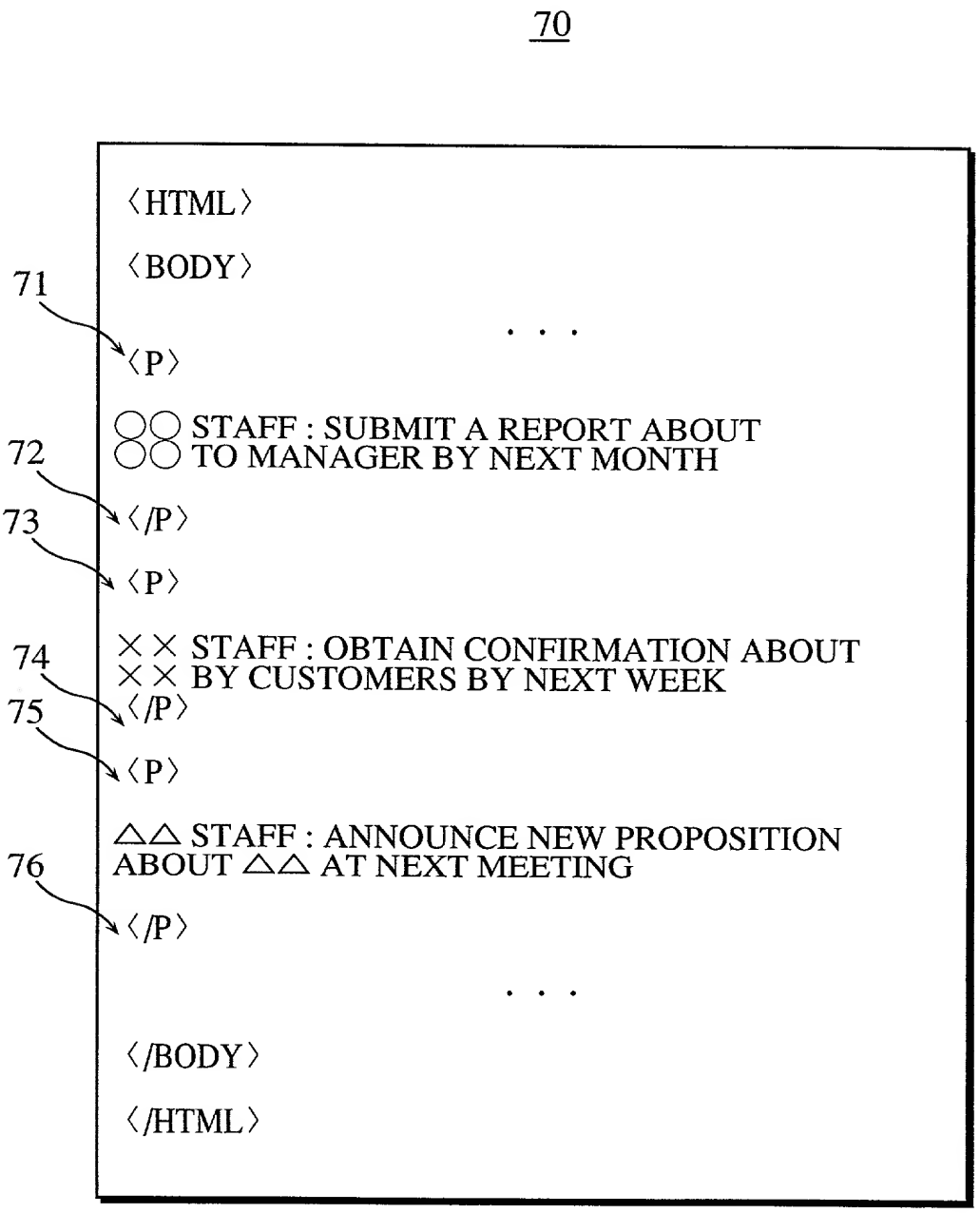

70
〈HTML〉
〈BODY〉
71
. . .
〈P〉
○○ STAFF : SUBMIT A REPORT ABOUT
○○ TO MANAGER BY NEXT MONTH
72
〈/P〉
73
〈P〉
×× STAFF : OBTAIN CONFIRMATION ABOUT
×× BY CUSTOMERS BY NEXT WEEK
74
〈/P〉
75
〈P〉
△△ STAFF : ANNOUNCE NEW PROPOSITION
ABOUT △△ AT NEXT MEETING
76
〈/P〉
. . .
〈/BODY〉
〈/HTML〉

FIG.8

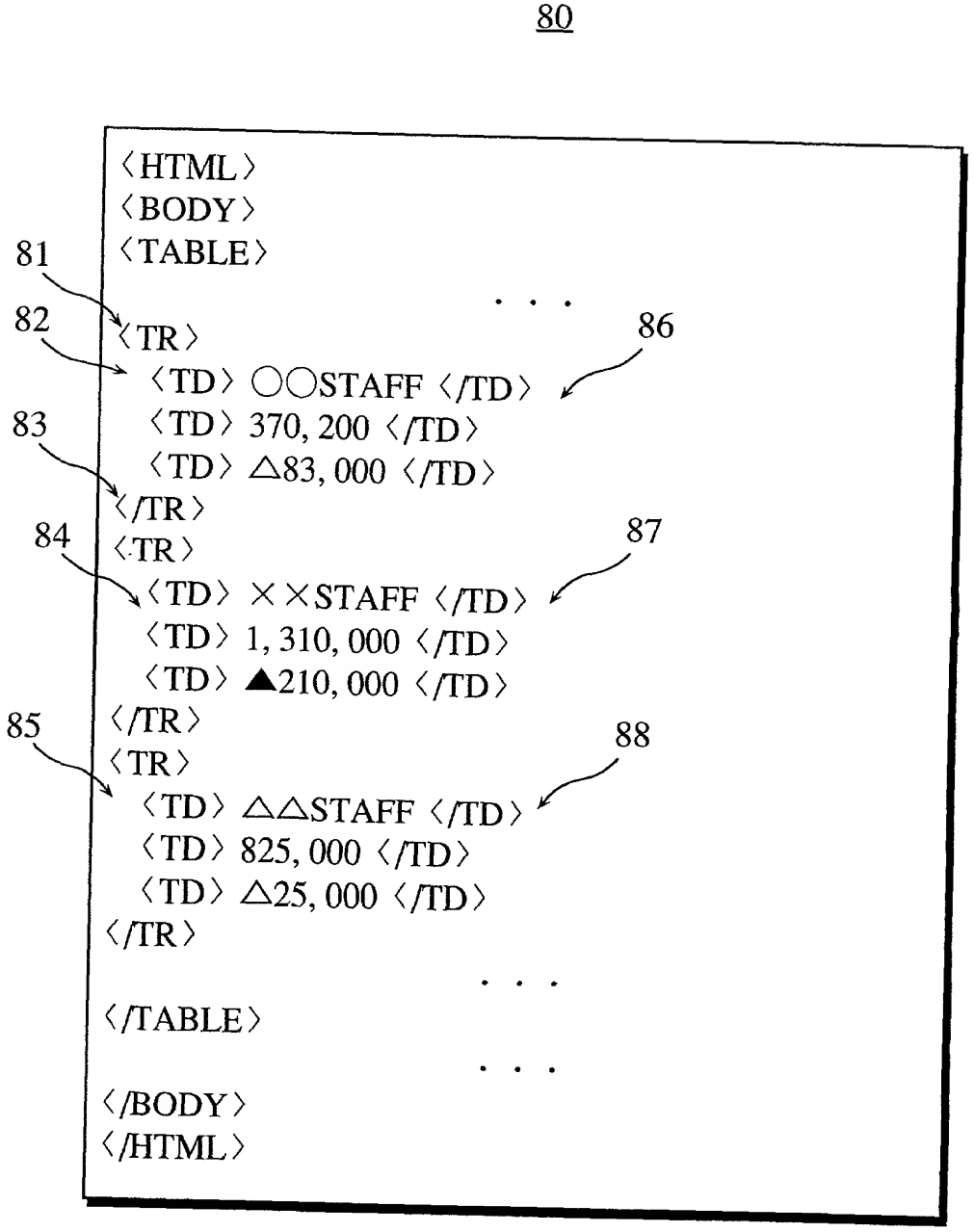

80
〈HTML〉
〈BODY〉
〈TABLE〉
81
82
86
〈TR〉
〈TD〉 ○○STAFF 〈/TD〉
〈TD〉 370, 200 〈/TD〉
83
〈TD〉 △83, 000 〈/TD〉
〈/TR〉
84
87
〈TR〉
〈TD〉 ××STAFF 〈/TD〉
〈TD〉 1, 310, 000 〈/TD〉
〈TD〉 ▲210, 000 〈/TD〉
〈/TR〉
85
88
〈TR〉
〈TD〉 △△STAFF 〈/TD〉
〈TD〉 825, 000 〈/TD〉
〈TD〉 △25, 000 〈/TD〉
〈/TR〉
〈/TABLE〉
〈/BODY〉
〈/HTML〉

FIG.9

○○STAFF	370,200	△83,000
××STAFF	1,310,000	▲210,000
△△STAFF	825,000	△25,000

FIG.10

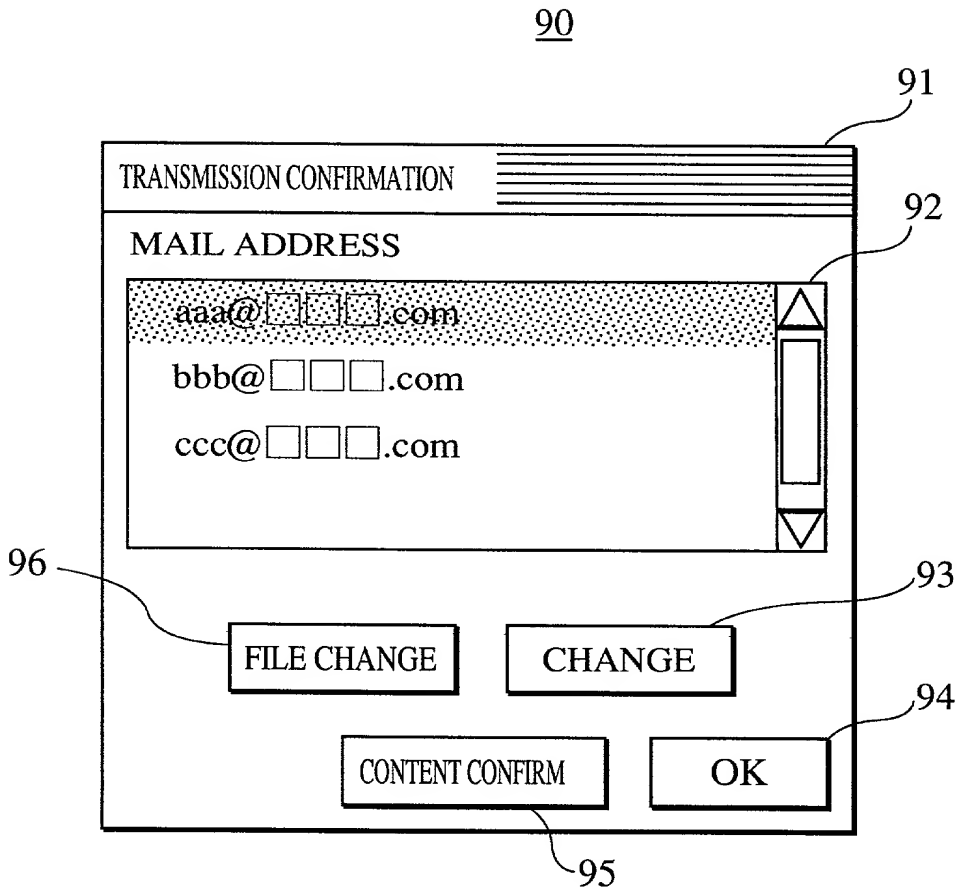

90
91
TRANSMISSION CONFIRMATION
92
MAIL ADDRESS
aaa@□□□.com
bbb@□□□.com
ccc@□□□.com
96
93
FILE CHANGE
CHANGE
94
CONTENT CONFIRM
OK
95

FIG.11

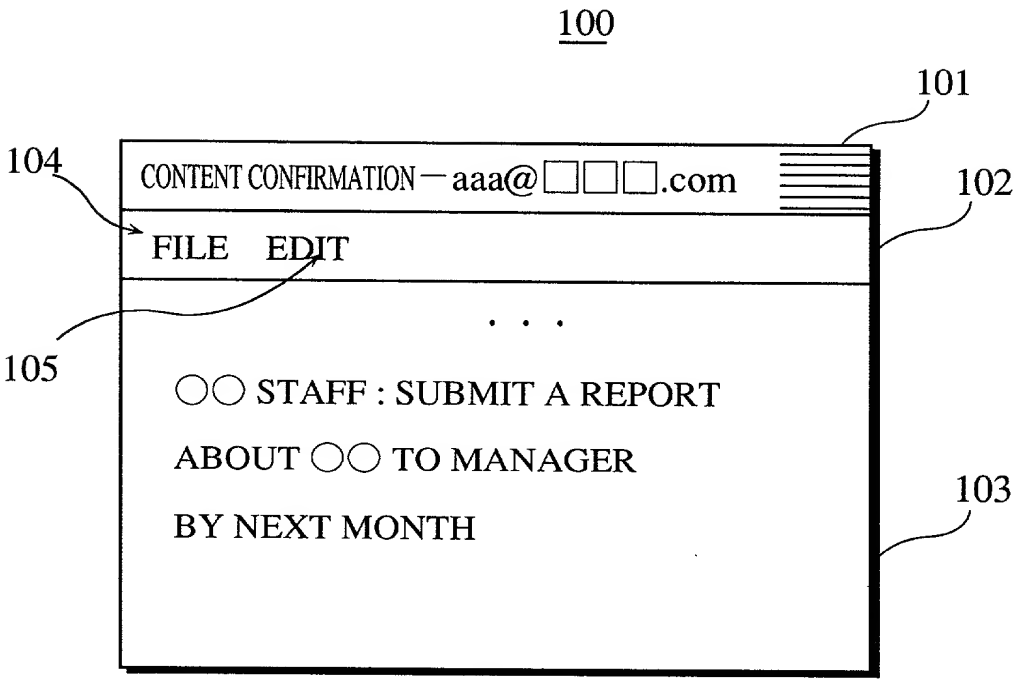

100
101
104
CONTENT CONFIRMATION — aaa@□□□.com
102
FILE EDIT
105
. . .
○○ STAFF : SUBMIT A REPORT
ABOUT ○○ TO MANAGER
BY NEXT MONTH
103

FIG.12

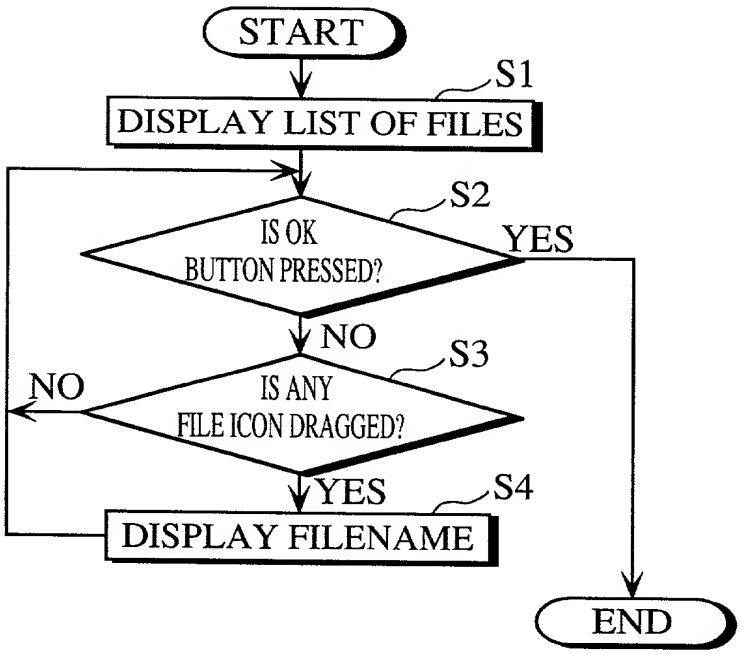

START
S1
DISPLAY LIST OF FILES
S2
IS OK BUTTON PRESSED?
YES
NO
S3
NO
IS ANY FILE ICON DRAGGED?
YES
S4
DISPLAY FILENAME
END

FIG.13

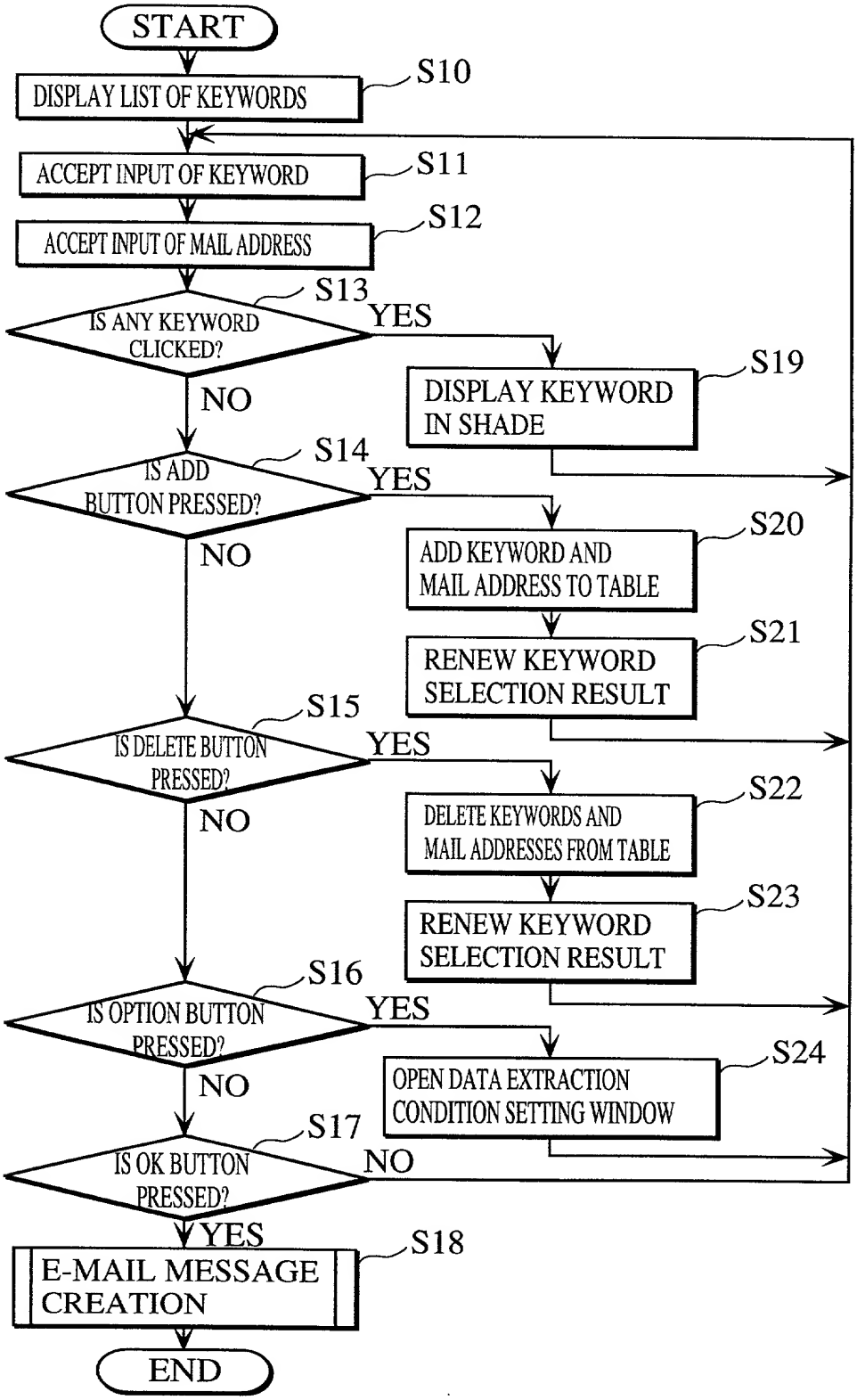

START
DISPLAY LIST OF KEYWORDS
S10
ACCEPT INPUT OF KEYWORD
S11
ACCEPT INPUT OF MAIL ADDRESS
S12
IS ANY KEYWORD CLICKED?
S13
YES
NO
DISPLAY KEYWORD IN SHADE
S19
IS ADD BUTTON PRESSED?
S14
YES
NO
ADD KEYWORD AND MAIL ADDRESS TO TABLE
S20
RENEW KEYWORD SELECTION RESULT
S21
IS DELETE BUTTON PRESSED?
S15
YES
NO
DELETE KEYWORDS AND MAIL ADDRESSES FROM TABLE
S22
RENEW KEYWORD SELECTION RESULT
S23
IS OPTION BUTTON PRESSED?
S16
YES
NO
OPEN DATA EXTRACTION CONDITION SETTING WINDOW
S24
IS OK BUTTON PRESSED?
S17
NO
YES
E-MAIL MESSAGE CREATION
S18
END

FIG.14

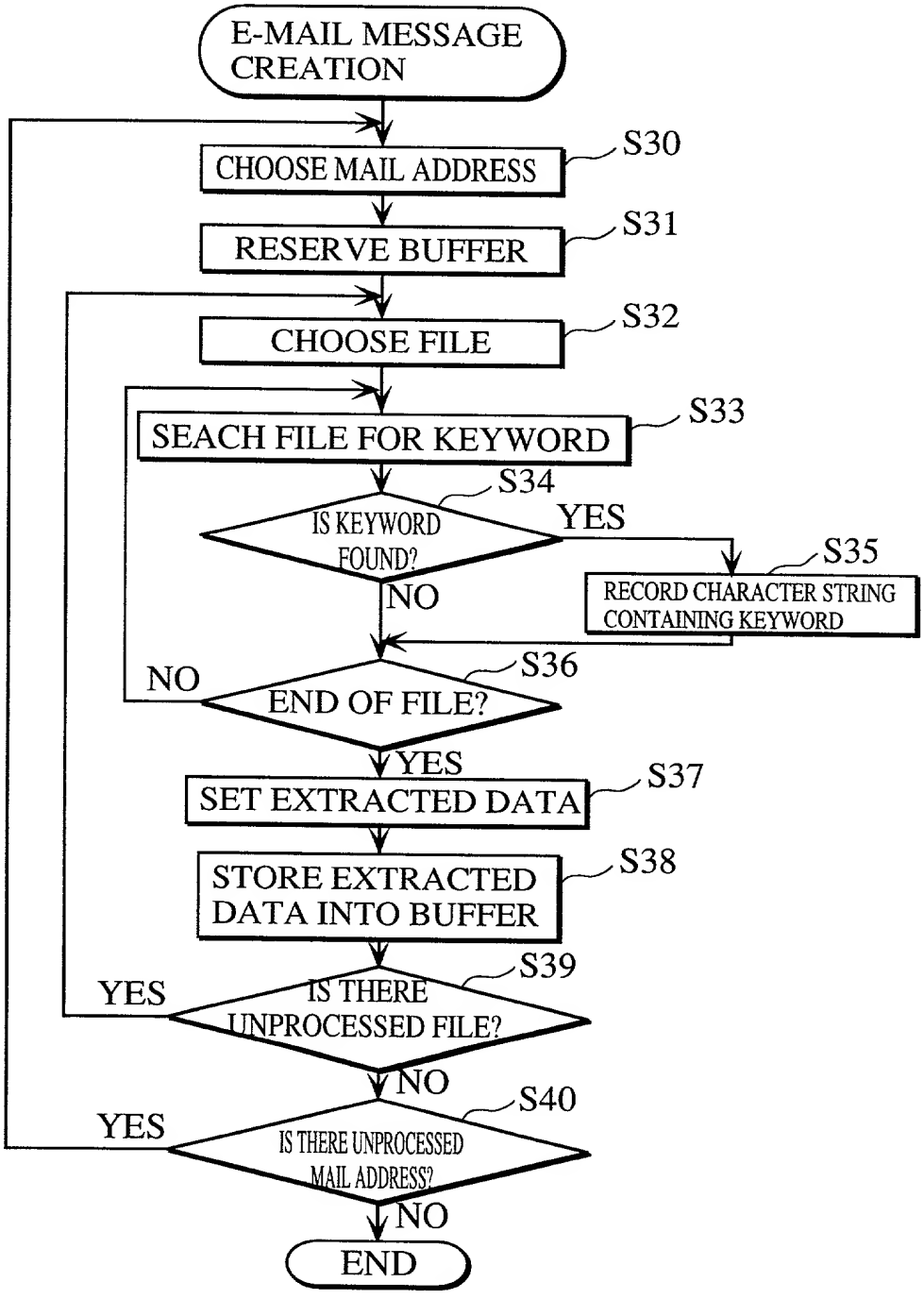
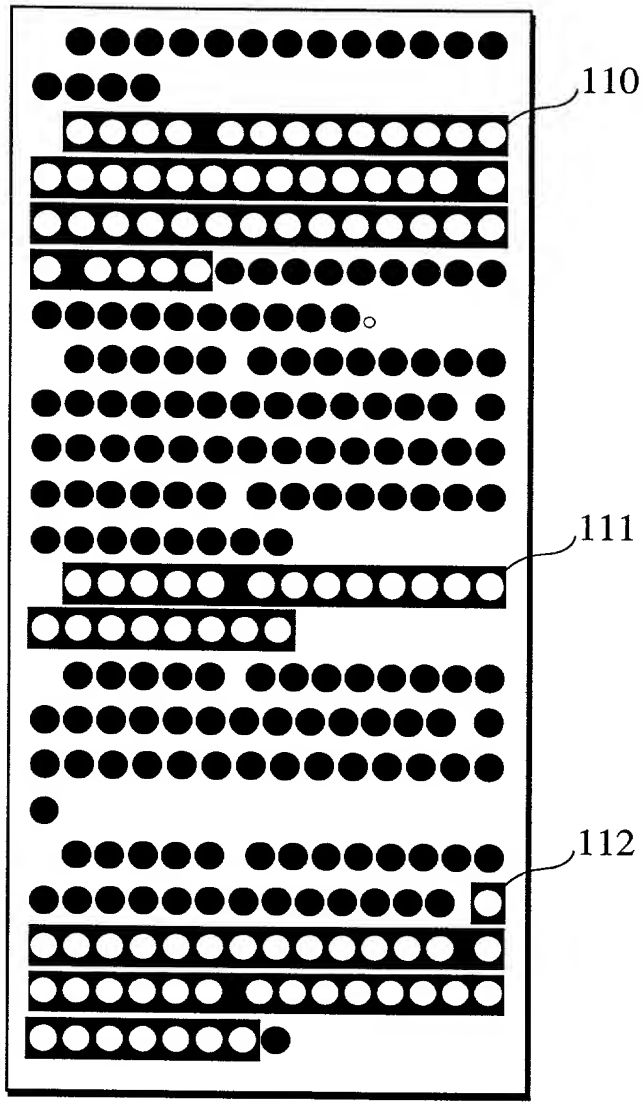

E-MAIL MESSAGE CREATION
CHOOSE MAIL ADDRESS
S30
RESERVE BUFFER
S31
CHOOSE FILE
S32
SEACH FILE FOR KEYWORD
S33
S34
IS KEYWORD FOUND?
YES
S35
RECORD CHARACTER STRING CONTAINING KEYWORD
NO
NO
S36
END OF FILE?
YES
SET EXTRACTED DATA
S37
STORE EXTRACTED DATA INTO BUFFER
S38
S39
YES
IS THERE UNPROCESSED FILE?
NO
S40
YES
IS THERE UNPROCESSED MAIL ADDRESS?
NO
END

FIG.15



EFS ID: 6044525

FIG.16

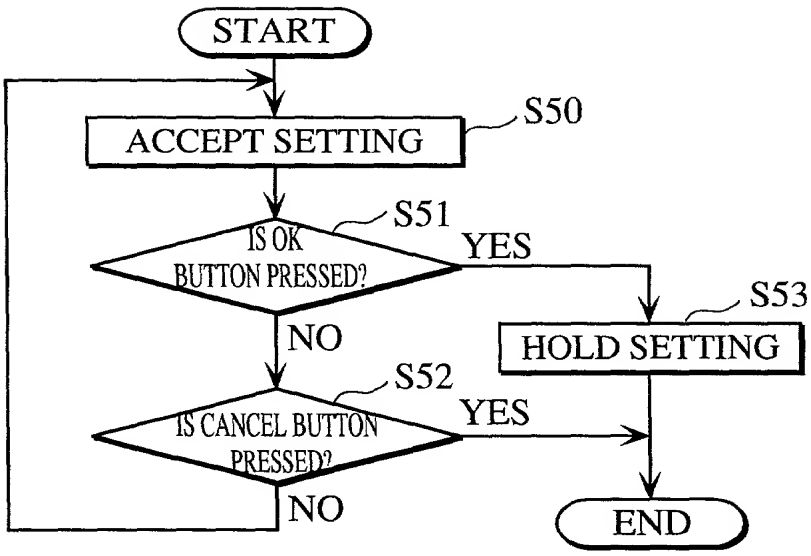

START
ACCEPT SETTING
S50
S51
IS OK BUTTON PRESSED?
YES
NO
S53
HOLD SETTING
S52
IS CANCEL BUTTON PRESSED?
YES
NO
END

FIG.17

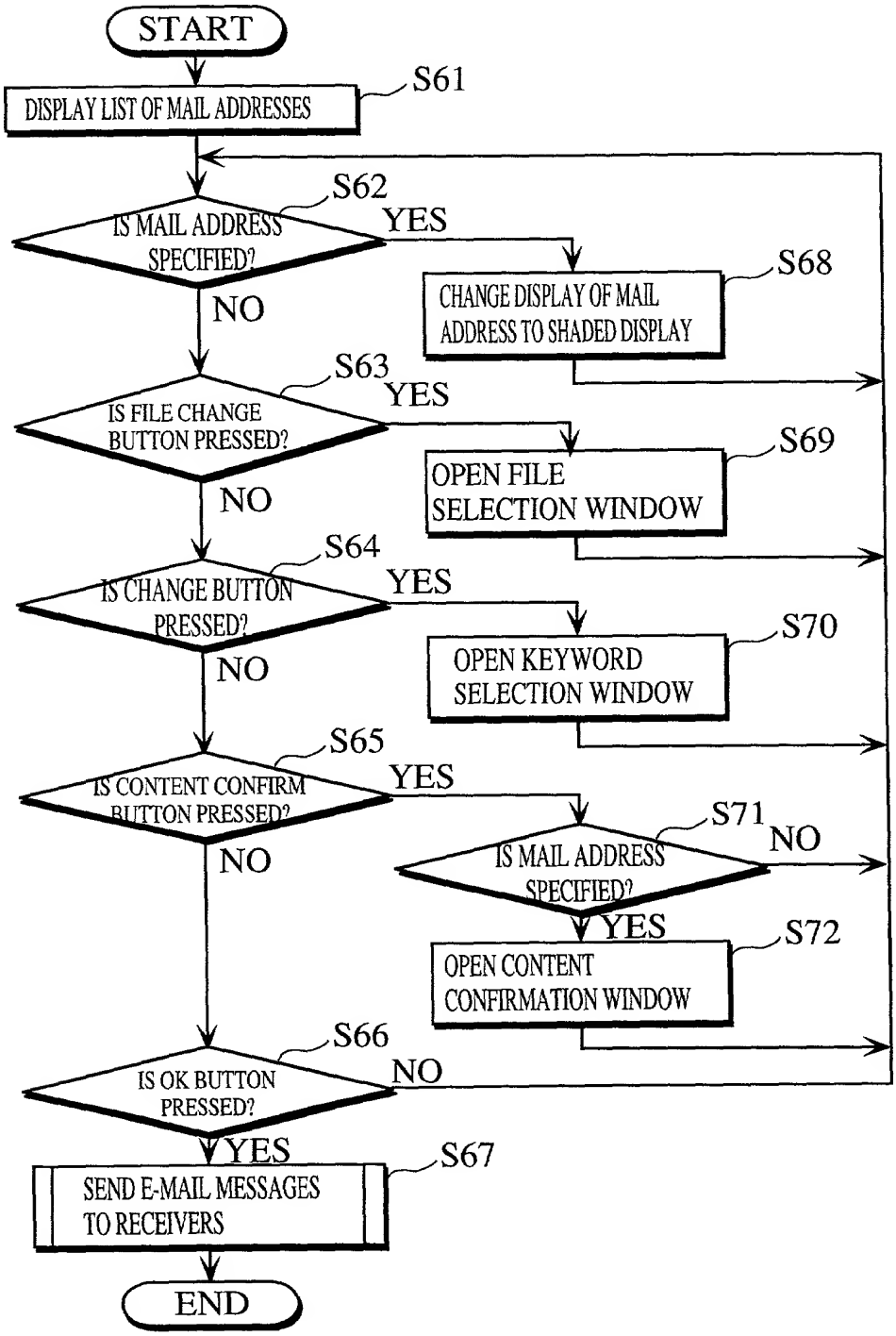
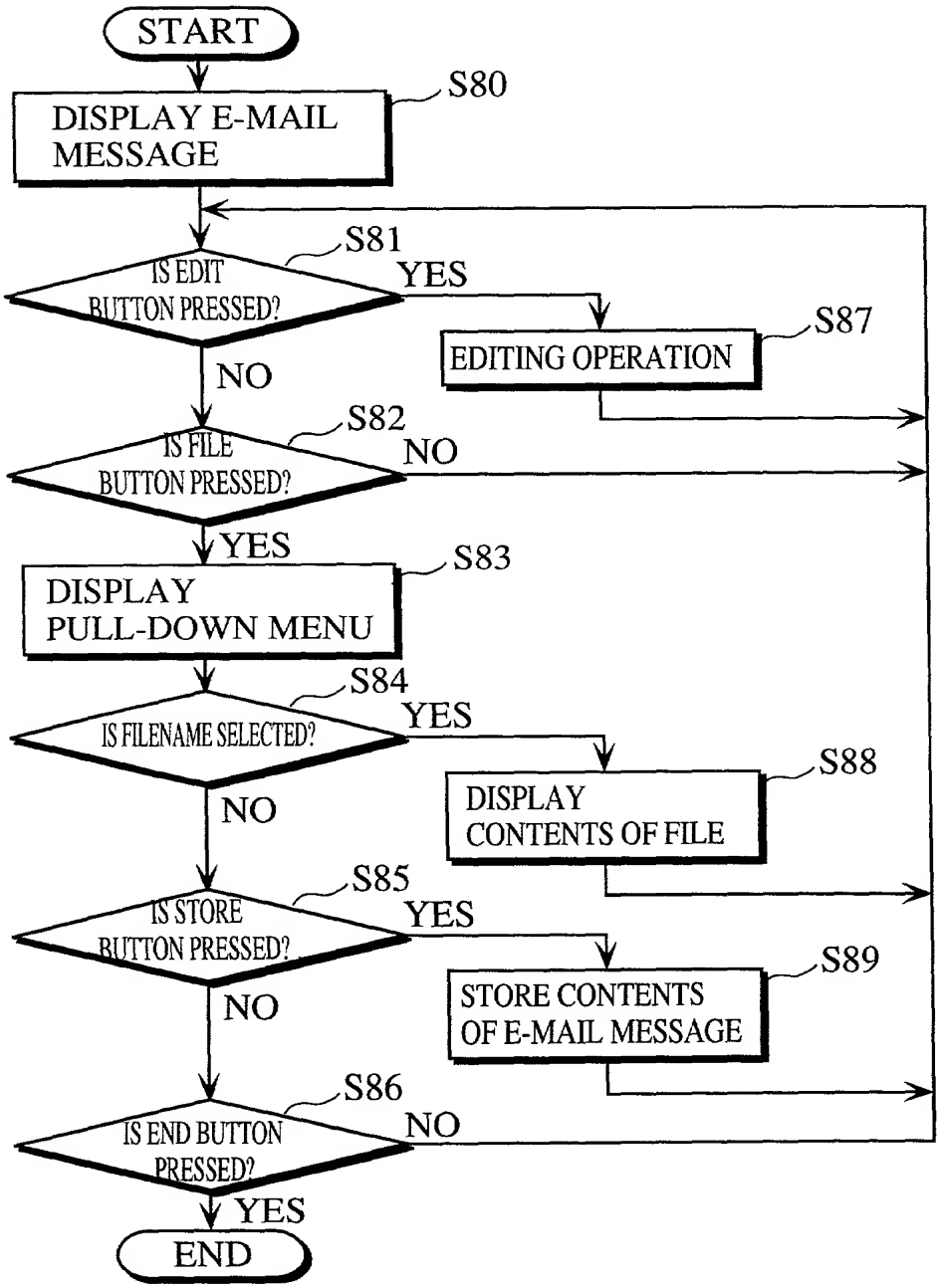

START
DISPLAY LIST OF MAIL ADDRESSES
S61
S62
IS MAIL ADDRESS SPECIFIED?
YES
NO
S68
CHANGE DISPLAY OF MAIL ADDRESS TO SHADED DISPLAY
S63
IS FILE CHANGE BUTTON PRESSED?
YES
NO
S69
OPEN FILE SELECTION WINDOW
S64
IS CHANGE BUTTON PRESSED?
YES
NO
S70
OPEN KEYWORD SELECTION WINDOW
S65
IS CONTENT CONFIRM BUTTON PRESSED?
YES
NO
S71
IS MAIL ADDRESS SPECIFIED?
NO
YES
S72
OPEN CONTENT CONFIRMATION WINDOW
S66
IS OK BUTTON PRESSED?
NO
YES
S67
SEND E-MAIL MESSAGES TO RECEIVERS
END

FIG.18


START
DISPLAY E-MAIL MESSAGE
S80
S81
IS EDIT BUTTON PRESSED?
YES
S87
EDITING OPERATION
NO
S82
IS FILE BUTTON PRESSED?
NO
YES
S83
DISPLAY PULL-DOWN MENU
S84
IS FILENAME SELECTED?
YES
S88
DISPLAY CONTENTS OF FILE
NO
S85
IS STORE BUTTON PRESSED?
YES
S89
STORE CONTENTS OF E-MAIL MESSAGE
NO
S86
IS END BUTTON PRESSED?
NO
YES
END